

NORTH COAST  
LABORATORIES LTD.

April 27, 2017

City of Eureka  
4301 Hilfiker Lane  
Eureka, CA 95503

Attn: Clay Yerby

RE: Pacific Choice

Order No.: 1704257

Invoice No.: 133294

PO No.:

ELAP No.1247-Expires July 2017

**SAMPLE IDENTIFICATION**

Fraction	Client Sample Description
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01A	Outfall 001 Grab
01B	Outfall 001 Grab

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

**Date:** 27-Apr-2017  
**WorkOrder:** 1704257

## CASE NARRATIVE

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The sample was received outside the EPA recommended temperature of less than or equal to 6° C.

Date: 27-Apr-2017

WorkOrder: 1704257

**ANALYTICAL REPORT**

Client Sample ID: Outfall 001 Grab

Lab ID: 1704257-01A

Received: 4/13/2017

Collected: 4/13/2017 14:38

Test Name: Hexane Extractable Oil and Grease

Reference: EPA 1664B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Oil and Grease	ND		4.8	mg/L	0.96	4/25/2017	4/26/2017

Client Sample ID: Outfall 001 Grab

Lab ID: 1704257-01B

Received: 4/13/2017

Collected: 4/13/2017 14:38

Test Name: Biochemical Oxygen Demand

Reference: Std. Meth. 20th Ed. 5210 B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Biochemical Oxygen Demand	190		2.0	mg/L	1.0		4/14/2017

Test Name: Non-Filterable Residue (TSS)

Reference: Std. Meth. 20th Ed. 2540 D

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Non-Filterable Residue(TSS)	43		1.0	mg/L	1.0		4/17/2017

North Coast Laboratories, Ltd.

Date: 4/27/2017

**CLIENT:** City of Eureka  
**Work Order:** 1704257  
**Project:** Pacific Choice

**QC SUMMARY REPORT**

Method Blank

Sample ID <b>MBLK</b>	Batch ID: <b>R90551</b>	Test Code: <b>1664GOW</b>	Units: <b>mg/L</b>	Analysis Date <b>4/26/2017 3:30:00 PM</b>	Prep Date <b>4/25/2017</b>						
Client ID:		Run ID: <b>WC_170425J</b>		SeqNo: <b>1296661</b>							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease	ND	5.0									
Sample ID <b>MBLK</b>	Batch ID: <b>R90425</b>	Test Code: <b>NFRW</b>	Units: <b>mg/L</b>	Analysis Date <b>4/17/2017</b>	Prep Date						
Client ID:		Run ID: <b>WC_170417B</b>		SeqNo: <b>1294977</b>							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Non-Filterable Residue(TSS)	ND	1.0									

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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North Coast Laboratories, Ltd.

Date: 4/27/2017

**CLIENT:** City of Eureka  
**Work Order:** 1704257  
**Project:** Pacific Choice

**QC SUMMARY REPORT**

Laboratory Control Spike

Sample ID	LCS	Batch ID: R90551	Test Code: 1664GOW	Units: mg/L	Analysis Date 4/26/2017 3:30:00 PM				Prep Date 4/25/2017			
Client ID:			Run ID: WC_170425J		SeqNo: 1296662							
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		38.20	5.0	40.0	0	95.5%	80	107	0			

Sample ID	LCSD	Batch ID: R90551	Test Code: 1664GOW	Units: mg/L	Analysis Date 4/26/2017 3:30:00 PM				Prep Date 4/25/2017			
Client ID:			Run ID: WC_170425J		SeqNo: 1296663							
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		39.20	5.0	40.0	0	98.0%	80	107	38.2	2.58%	18	

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R - RPD outside accepted recovery limits

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North Coast Laboratories, Ltd.

Date: 4/27/2017

**CLIENT:** City of Eureka  
**Work Order:** 1704257  
**Project:** Pacific Choice

## QC SUMMARY REPORT

BOD Organic Standard

Sample ID	<b>ORG STD</b>	Batch ID:	<b>R90457</b>	Test Code:	<b>BODW</b>	Units:	<b>mg/L</b>	Analysis Date	<b>4/14/2017 9:30:00 AM</b>	Prep Date	
Client ID:		Run ID:	<b>WC_170414H</b>					SeqNo:	<b>1295536</b>		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	213.3	2.0	200	0	107%	85	115	0			

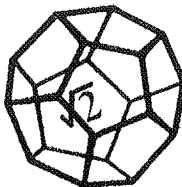
**Qualifiers:** ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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**NORTH COAST  
LABORATORIES LTD.**

5680 West End Road • Arcata • CA 95521-9202  
707-822-4649 Fax 707-822-6831

## Chain of Custody

Attention: Clay Verby  
Results & Invoice to: City of Eureka  
Address: 4301 Hilfiger Ln.  
Eureka CA 95501  
Phone: 707 441 4362  
Copies of Report to: Pacific Choice Seafood  
1 Commercial St. Eureka CA 95501  
Sampler (Sign & Print): David Adams *DA*

## PROJECT INFORMATION

Project Number: \_\_\_\_\_  
Project Name: Pacific Choice  
Purchase Order Number: \_\_\_\_\_

[illegible][illegible]LABORATORY NUMBER: 1704257

TAT: ☒ STD (2-3 Wk)    ☐ Other:  
PRIOR AUTHORIZATION IS REQUIRED FOR  
RUSH SAMPLES.

### REPORTING REQUIREMENTS:

☐ State Forms  
☐ Geotracker ☐ SWAMP ☐ Other EDD:  
☐ Final Report PDF ☐ FAX By:

**CONTAINER CODES:** 1— $\frac{1}{2}$  gal. pl; 2—250 ml pl;  
3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG;  
6—500 ml BG; 7—1 L BG; 8—40 ml VOA;  
9—60 ml VOA; 10—125 ml VOA; 11—4 oz glass jar;  
12—8 oz glass jar; 13—brass tube; 14—other  
**PRESERVATIVE CODES:** a— $\text{HNO}_3$ ; b— $\text{HCl}$ ; c— $\text{H}_2\text{SO}_4$ ;  
d— $\text{Na}_2\text{S}_2\text{O}_5$ ; e— $\text{NaOH}$ ; f— $\text{C}_2\text{H}_5\text{O}_2\text{Cl}$ ; g—other

### SAMPLE CONDITION/SPECIAL INSTRUCTIONS

Temperature: 6.6 °C

Received On Ice? Y/N

Samples Intact? Y ~~N~~

Preserved? Y ☒ N

Preserved @ NCL ?

Y / N / NA

## SAMPLE DISPOSAL

☐ NCL Disposal of Non-Contaminated  
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA ☐  
 SHIPPED VIA: UPS Fed-Ex Hand

\***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW = Waste Water; S = Soil; O = Other.

**ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT**